

CHAMBERLAIN®
LiftMaster
PROFESSIONAL
QuickStart

**HERKULES MOTION
 DETECTOR**
 50HERK

FUNCTION

The Herkules Motion Detector is a microwave sensor sending out a high frequency sound wave while listening for bounce back. When the sound wave is returned at a different frequency the sensor knows that there is a moving object within the detection zone. A signal is sent to the internal relay, which is wired to the door control's activation input.

FACTORY DEFAULT SETTINGS

The Herkules has been pre-programmed to the following settings to make the installation easier and user friendly. If settings need to be changed refer to manufacturer's instructions.

- Mounting Height13' to 16' above the ground
- Relay Hold Interval 12 seconds output
- Slow Motion DetectionMedium detection (detects very slow objects)
- Separation People and Vehicles . .ON
- Cross Traffic DetectionMedium
- Direction RecognitionForward (movement toward the detector)

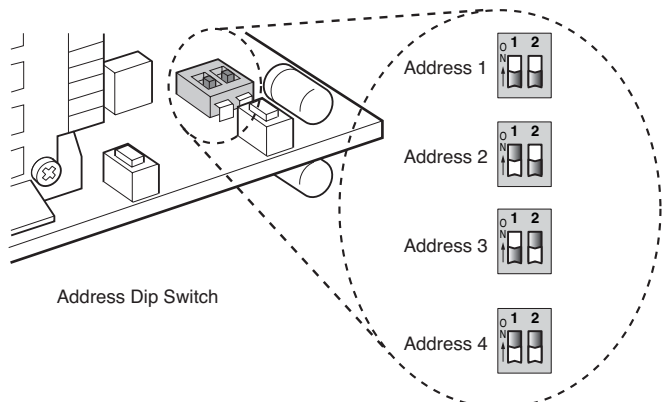
NOTE: If other settings are desired, then they can be changed by using the optional remote control or with the internal push buttons in the detector.

ADDRESSING THE SENSOR

This assists in programming and reduces interference if multiple units are used on the same location.

1. Open cover to motion detector.
2. Find Dip switches.
3. Adjust Dip switches.

Address	Switch 1	Switch 2
Address 1	Off	Off
Address 2	On	Off
Address 3	Off	On
Address 4	On	On

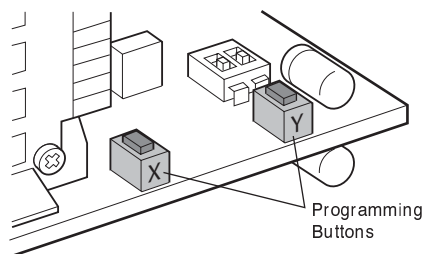


PROGRAMMING

**PROGRAMMING MOUNTING HEIGHTS
 (Only use if factory default is not desired)**

Without push-button remote:

1. Open detectors face plate.
2. Press both buttons "X" and "Y" for 2 seconds, the green LED will flash (you are now in programming mode).

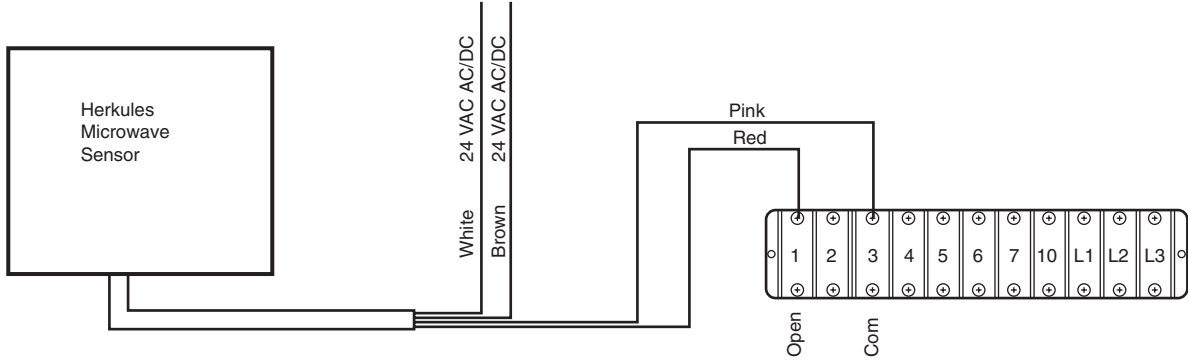


3. Press "X" button 2 times.
4. Press "Y" button for the desired height:
 2 times for 8' to 9.5'
 3 times for 9.5' to 12.5'
 4 times for 12.5' to 16'
 5 times for 16' to 19'
 6 times for 19' to 22.5'
 7 times for 22.5' to 23'

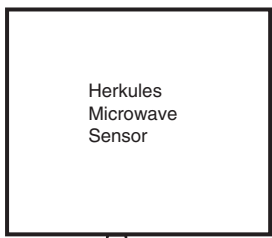
With (optional) remote:

1. Point the remote at the motion detector.
2. Press "G" the Start key.
3. Press "F" and then press the following number to set the height:
 #2 once for 8' to 9.5'
 #3 once for 9.5' to 12.5'
 #4 once for 12.5' to 16'
 #5 once for 16' to 19'
 #6 once for 19' to 22.5'
 #7 once for 22.5' to 23'
4. When you press the number for the desired height, the lighted button will stay on indicating the programming is complete. If the button flashes, then the sensor did not accept the program.

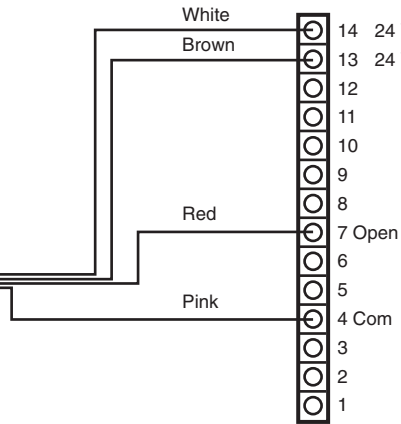
MECHANICAL OPERATOR



LOGIC OPERATOR



LOGIC 3 TERMINAL STRIP



LOGIC 2 TERMINAL STRIP

